

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J8/26 B01J8/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J F22B F23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 526 775 A (HYPPAENEN TIMO) 18 June 1996 (1996-06-18) cited in the application	1-3, 5, 14-18, 20-22
Y	figure 2	13, 19
A	column 6, line 65 - column 7, line 23 column 7, line 35 - line 45	17, 20-22
X	US 3 921 590 A (PEARCE ARNOLD ET AL) 25 November 1975 (1975-11-25)	1
Y	figures 1, 4 column 2, line 37 - line 58 column 4, line 11 - line 23 column 4, line 34 - line 38	13, 19
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

6 September 2004

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15/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/20818 A (FOSTER WHEELER ENERGIA OY ; HYPPANEN TIMO (FI)) 13 April 2000 (2000-04-13) page 9, line 11 - line 26 page 10, line 9 - line 21 page 14, line 12 - line 16 page 19, line 34 - page 21, line 2 figure 4	1-3,5, 14-17, 20-22
A		6,7,18
A	US 5 540 894 A (HYPPANEN TIMO) 30 July 1996 (1996-07-30) cited in the application figure 1 column 5, line 46 - line 59	1,13,17, 19
A	US 6 336 500 B2 (HYPPANEN TIMO) 8 January 2002 (2002-01-08) figure 3 column 10, line 9 - column 11, line 32	1,13,17, 19
A	US 4 925 632 A (THACKER MILTON B ET AL) 15 May 1990 (1990-05-15) column 12, line 58 - column 14, line 44 figures 5,6,9	1,11,12, 17
A	US 5 025 350 A (TIENKEN ALFRED G). 18 June 1991 (1991-06-18) figure 1 column 4, line 56 - column 5, line 19	1,17
A	WO 01/73343 A (TOQAN MAJED ; ALSTOM POWER NV (NL); SRINIVASACHAR SRIVATS (US); KANG S) 4 October 2001 (2001-10-04) figure 1 page 9, paragraph 5 - page 10, paragraph 1 page 11, paragraph 5 page 16, paragraph 3	17

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Information on patent family members

International Application No

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